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19 JUN 1962

MEMORANDUM FOR: Chief, Development Projects Division/DDR

ATTENTION

:

3081

25X1

SUBJECT

: **Technical Evaluation of Mission ~~3080~~**

1. This evaluation was made from an analysis of the original tapes as received from the base.

2. Both recorders operated satisfactorily with all the recording levels correct. The reference and switching tones were both recorded at approximately the same levels resulting in easier indication of antenna switching.

3. The receivers operated in the following manner:

a. P-band

This receiver was completely saturated with noise very similar to the noises experienced by the other operation. The noise was at such a high level that it was impossible to recover any signals from the tape.

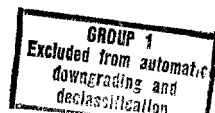
b. L-band

There were only occasional noise spikes from this receiver. There was a very definite improvement in the operation of this receiver indicating that the base personnel are trying to correct the troubles that usually are associated with this receiver.

c. S-band

A very loud 400 cycle generator noise was present throughout the entire mission. This noise was at such a level

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that weaker signal intercepts were completely covered. Filtering was necessary in the analysis of the recordings from this receiver.

d. X-band

This receiver operated exceptionally well throughout the mission. Evidence of high sensitivity was noted as signals from known locations were intercepted from greater distances than normal.



Chief
Elint & Special Projects Division

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OSI/ESPD/DPB  **(19 June 1962)**

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